

|   | Type | L # | Hits | Search Text   | DBs                                   |
|---|------|-----|------|---|---------------------------------------|
| 1 | BRS  | L13 | 32   | (electrokinetic or electro-kinetic) near3 (valv\$)                                | USPAT;<br>EPO;<br>JPO;<br>DERWEN<br>T |
| 2 | BRS  | L14 | 784  | (dielectric) near3 (valv\$)   | USPAT;<br>EPO;<br>JPO;<br>DERWEN<br>T |
| 3 | BRS  | L15 | 373  | (dielectric) near3 (valv\$)   | EPO;<br>JPO;<br>DERWEN<br>T           |
| 4 | BRS  | L16 | 73   | 15 and (electrodes or electrical or electro-osm\$ or electroosm\$ or electrosm\$) | EPO;<br>JPO;<br>DERWEN<br>T           |
| 5 | BRS  | L17 | 442  | ((microfluid\$) near3 (valv\$)) or microvalve                                     | EPO;<br>JPO;<br>DERWEN<br>T           |
| 6 | BRS  | L18 | 785  | ((microfluid\$) near3 (valv\$)) or microvalve                                     | USPAT                                 |
| 7 | BRS  | L19 | 785  | 18 not 17   | USPAT                                 |
| 8 | BRS  | L20 | 606  | 19 and (electrodes or electrical or electro-osm\$ or electroosm\$ or electrosm\$) | USPAT                                 |

|   | Type | L # | Hits | Search Text   | DBs                         |
|---|------|-----|------|---|-----------------------------|
| 1 | BRS  | L3  | 201  | (micro-valve)   | EPO;<br>JPO;<br>DERWEN<br>T |
| 2 | BRS  | L4  | 0    | (micro-valve).ab. and<br>(electro-osm\$ or<br>electroosm\$ or electrosm\$<br>or (zeta nearl potential)) | USPAT                       |

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|    |   |
|----|---|
| L1 | 3 SEA MICROVALVE (5A) (ELECTRO-OSM OR ELECTROOSM OR ELECTROSM OR ELECTRICAL OR ELECTRODES)<br>D 1-3 ALL                           |
| L2 | 6 SEA MICROVALVE/AB AND (ELECTRO-OSM OR ELECTROOSM OR ELECTROSM OR ELECTRICAL OR ELECTRODES)/AB<br>D 1-6 AL<br>D ALL<br>D 2-6 ALL |
| L3 | 7 SEA MICROVALVE/AB AND (ELECTRO-OSM? OR ELECTROOSM? OR ELECTROSM ? OR ELECTRICAL OR ELECTRODES OR ZETA)/AB<br>D H IS             |
| L4 | 1 SEA L3 NOT (L2 OR L1)<br>D ALL  |